Specifications — SW 2/4/6 VGA*xi* Switchers

Video

Gain	Unity
Bandwidth	350 MHz (-3dB)
Crosstalk	-68dB @ 10 MHz, -39dB at 100 MHz

Video input

Number/signal type	2, 4, or 6 VGA-UXGA RGBHV, RGBS, RGsB; depending on the model
Connectors	2, 4, or 6 15-pin female HD connectors, depending on the model
Minimum/maximum levels	Analog ..... 0.3V to 1.5V p-p with no offset
Impedance	75 ohms
Horizontal frequency	15 kHz to 145 kHz
Vertical frequency	30 Hz to 170 Hz
Return loss	-42dB @ 5 MHz

Video output

Number/signal type	1 VGA-UXGA RGBHV, RGBS, RGsB
Connectors	1 15-pin female HD connector
Minimum/maximum levels	Analog ..... 0.3V to 1.5V p-p
Impedance	75 ohms
Return loss	-43dB @ 5 MHz
DC offset	±5mV maximum with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGsB
Output type	RGBHV, RGBS, RGsB (same as input)
Input level	1V to 5V p-p
Output level	TTL ..... 5V p-p
Input impedance	High Z
Output impedance	75 ohms
Max. propagation delay	30 nS
Max. rise/fall time	4.2 nS
Polarity	Positive or negative

Control/remote — switcher

Contact closure	25-pin D female connector; momentary (100ms min. with tally feedback)
Loop signal	Momentary low, 1 mS min., 5 mS max.

General

Power	100VAC to 240VAC, 50/60 Hz, 10 watts, internal, auto-switchable
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional rack shelf #60-190-01
Enclosure type	Metal
Enclosure dimensions	1.75" H x 8.75" W x 9.5" D (1U high, 1/2 rack width) 4.4 cm H x 22.2 cm W x 24.1 cm D (Depth excludes connectors.)
Product weight	
SW 2 VGA*xi*	2.3 lbs (1.0 kg)
SW 4 VGA*xi*, SW 6 VGA*xi*	2.4 lbs (1.1 kg)
Shipping weight	5 lbs (2.3 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, FCC Class A
MTBF	30,000 hours

Warranty ..... 3 years parts and labor

NOTE *Specifications are subject to change without notice.*

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